

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 17 | ((voiced and unvoiced) or (pitch or fundamental)) and ((discriminat\$4 or differentiat\$4) with (signal or chanel)) same (zero crossing) and (speech and music) | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2007/10/27 16:43 |
| L2 | 55 | ((voiced and unvoiced) or (pitch or fundamental)) and ((discriminat\$4 or differentiat\$4) with (signals or channels)) same (zero crossing) and (speech and (music or noise)) | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2007/10/27 16:44 |
| L3 | 257 | 704/214.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2007/10/27 18:23 |
| L4 | 97 | 704/213.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2007/10/27 18:23 |
| L5 | 501 | 704/223.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2007/10/27 18:23 |
| S45 | 771 | (voiced and unvoiced and (pitch or fundamental)) and (discriminat\$4 or differentiat\$4 or separat\$3) with (signals or chanel) | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2007/10/26 15:18 |
| S46 | 183 | (voiced and unvoiced and (pitch or fundamental)) and (discriminat\$4 or differentiat\$4 or separat\$3) with (signals or chanel) and zero crossing | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2007/10/26 12:22 |
| S47 | 65 | (voiced and unvoiced and (pitch or fundamental)) and (discriminat\$4 or differentiat\$4 or separat\$3) with (signals or chanel) and zero crossing and speech and music | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2007/10/26 12:23 |
| S49 | 2 | (voiced and unvoiced and (pitch or fundamental)) and (discriminat\$4 or differentiat\$4 or separat\$3) with (signals or chanel) and zero crossing same speech with music | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2007/10/26 12:23 |
| S50 | 16 | ("20010023395" "5717823" "5734789" "5751903" "5778335" "6108626" "6134518" "6240387" "6310915" "6311154").PN. OR ("6647366").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/26 14:45 |

EAST Search History

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|-----|-------|--|---|-----|----|------------------|
| S51 | 0 | (voiced and unvoiced and (pitch or fundamental)) and (discriminat\$4 or differentiat\$4 or separat\$3) near2 speech (signals or channel) near3 music (signal or channel) | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2007/10/26 16:09 |
| S52 | 3 | (voiced and unvoiced and (pitch or fundamental)) and (discriminat\$4 or differentiat\$4 or separat\$3) near2 speech (signals or channel) and music (signal or channel) | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2007/10/26 15:20 |
| S53 | 21 | ("4284846" "4736429" "4920568" "4991216" "5131043" "5220610").PN. OR ("5611019").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/26 15:59 |
| S54 | 1 | "5865626".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/26 15:59 |
| S55 | 25603 | (discriminat\$4 or differentiat\$4 or separat\$3) near2 (two or multiple or plurality) near2 (signals or channel) | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2007/10/26 16:10 |
| S57 | 3 | (discriminat\$4 or differentiat\$4 or separat\$3) near2 (two or multiple or plurality) near2 (signals or channel) same music same speech and zero\$crossing | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2007/10/26 17:16 |
| S58 | 3 | (discriminat\$4 or differentiat\$4 or separat\$3) same (two or multiple or plurality) near2 (signals or channel) same music same speech and zero\$crossing | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2007/10/26 17:17 |
| S59 | 20 | (discriminat\$4 or differentiat\$4 or separat\$3) same (two or multiple or plurality) near2 (signals or channels) and music and speech and zero\$crossing | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2007/10/26 17:17 |
| S60 | 44 | (discriminat\$4 or differentiat\$4 or separat\$3) near2 (two or multiple or plurality) near2 (signals or channel) same music same speech | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2007/10/26 17:27 |
| S61 | 34 | (voiced and unvoiced and (pitch or fundamental)) and (discriminat\$4 or differentiat\$4 or separat\$3) with (signals or chanel) and zero crossing and speech with music | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2007/10/26 17:31 |